



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

|  |  |  |   |
|--|--|--|---|
| (51) International Patent Classification <sup>7</sup> :<br>H04N 7/26   |  | A1   | (11) International Publication Number: <b>WO 00/57649</b>         |
|  |  |  | (43) International Publication Date: 28 September 2000 (28.09.00) |
| (21) International Application Number: PCT/GB00/01081  |  | (81) Designated States: JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  |   |
| (22) International Filing Date: 22 March 2000 (22.03.00)   |  |  |   |
| (30) Priority Data:<br>9906603.7 22 March 1999 (22.03.99) GB   |  | Published<br><i>With international search report.<br/>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> |   |
| (71) Applicant (for all designated States except US): IMAGINATION TECHNOLOGIES LIMITED [GB/GB]; Home Park Estate, Kings Langley, Hertfordshire WD4 8LZ (GB). |  |  |   |
| (72) Inventor; and   |  |  |   |
| (73) Inventor/Applicant (for US only): HODGSON, Julian [GB/GB]; Home Park Estate, Kings Langley, Hertfordshire WD4 8LZ (GB).                                 |  |  |   |
| (74) Agent: ROBSON, Aidan, John; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).  |  |  |   |

## (54) Title: IMAGE COMPRESSION AND DECOMPRESSION

## (57) Abstract

The present invention compresses image data using a predetermined compression technique such as the Microsoft S3 compression scheme. The compressed image is then decompressed and difference values derived between the original image and the decompressed image. The thus derived difference values are then compressed for used in sub-different correction of the decompressed image and are transmitted or stored along with the compressed image data.

